

Identification of Achievable Performance Standards
Source Category: Architectural and Industrial Maintenance Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		U.S. EPA National VOC Rule for Architectural Coatings, FR/Vol. 61/32729, 46410, & 52735 proposed 6/96, final rule anticipated 8/98		ARB-CAPCOA Suggested Control Measure for Architectural Coatings, May 1989		SCAQMD Rule 1113, Architectural Coatings, adopted 9/77, last amended 11/96					
		Performance Standard									
Acrylic Polymers	VOC					X	420 g/l				
Alkyds	VOC					X	420 g/l				
Antenna	VOC		530 g/l								
Anti-Graffiti	VOC		600 g/l	X	340 g/l						
Anti-Fouling	VOC	X	400 g/l			X	400 g/l				
Bituminous & Mastics	VOC		500 g/l			X	420 g/l				
Bond Breakers	VOC		600 g/l	X	350 g/l	X	350 g/l				
Chalkboard Resurfacers	VOC		450 g/l								
Catalyzed Epoxy	VOC					X	420 g/l				
Chlorinated Rubber	VOC					X	420 g/l				
Concrete Curing Compounds	VOC	X	350 g/l	X	350 g/l	X	350 g/l				
Concrete Protective	VOC	X	400 g/l								
Dry Fog	VOC	X	400 g/l	X	400 g/l	X	400 g/l				
Enamel Undercoaters	VOC			X	350 g/l						
Extreme High Durability	VOC		800 g/l								
Fire Proofing Exterior	VOC					X	450 g/l (1999-350 g/l)				

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Fire Retardent - Clear	VOC		850 g/l		650 g/l	X	650 g/l				
Fire Retardent-Pigmented	VOC		450 g/l	X	350 g/l	X	350 g/l				
Flat	VOC		250 g/l		250 g/l	X	250 g/l (2001-100 g/l) (2008-50 g/l)				
Flat - Specialty	VOC				350 g/l						
Floor	VOC		400 g/l								
Flow	VOC		650 g/l								
Form Release Compounds	VOC		450 g/l	X	250 g/l						
Graphic Arts (sign paints)	VOC	X	500 g/l	X	500 g/l	X	500 g/l				
Heat Reactive	VOC		420 g/l								
High Temperature	VOC		650 g/l								
Industrial Maintenance	VOC		450 g/l	X	340 g/l						
Industrial Maintenance - High Temperature	VOC			X	420 g/l						
Industrial Maintenance - Primers and Topcoats	VOC					X	420 g/l				
Inorganic Polymers	VOC					X	420 g/l				
Impacted Immersion	VOC		780 g/l								

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Japans/Faux Finishing	VOC						700 g/l (1999-350 g/l)				
Lacquer	VOC		680 g/l		680 g/l	X	550 g/l (2005-275 g/l)				
Lacquer (Pigmented)	VOC					X	550 g/l (2005-275 g/l)				
Magnesite Cement	VOC		600 g/l	X	450 g/l		600 g/l (1999-450 g/l)				
Mastic Texture	VOC	X	300 g/l	X	300 g/l	X	300 g/l				
Metallic Pigmented	VOC	X	500 g/l	X	500 g/l	X	500 g/l				
Multi-Color	VOC		580 g/l		420 g/l	X	250 g/l				
Nonferrous Ornamental lacquers & Surface Protectants	VOC		870 g/l								
Non-Flat Interior/Exterior	VOC		380 g/l								
Nuclear	VOC		420 g/l								
Pre-Treatment Wash Primer	VOC		780 g/l	X	420 g/l		780 g/l				
Primers & Undercoaters	VOC	X	350 g/l								
Primers, Sealers & Undercoaters	VOC			X	350 g/l	X	350				
Quick Dry Enamels	VOC		450 g/l	X	250 g/l		400 g/l				

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Quick Dry Primers, Sealers and undercoaters	VOC		450 g/l	X	350 g/l						
Repair & Maintenance Termoplastic	VOC		650 g/l								
Roof	VOC	X	250 g/l		300 g/l		300 g/l				
Sanding Sealer (non-lacquer	VOC		550 g/l	X	350 g/l	X	350 g/l				
Sealers (Including clear wood sealers)	VOC		400 g/l								
Shellacs: Clear	VOC	X	650 g/l		730 g/l		730 g/l				
Shellacs: Opaque	VOC	X	550 g/l								
Shellacs: Pigmented	VOC			X	550 g/l	X	550 g/l				
Silicones	VOC						420 g/l				
Stains: Clear & Semitransparent	VOC		550 g/l								
Stains: Semitransparent	VOC			X	350 g/l	X	350 g/l				
Stains: Opaque	VOC	X	350 g/l	X	350 g/l	X	350 g/l				
Stains: Low Solids	VOC	X	120 g/l			X	120 g/l				
Swimming Pool - General	VOC		600 g/l	X	340 g/l	X	340 g/l				

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Swimming Pool - Repair & Maintenance	VOC			X	340 g/l		600 g/l				
Thermoplastic Rubber & Mastics	VOC		550 g/l								
Traffic	VOC	X	150 g/l			X	150 g/l				
Traffic - Other Surfaces	VOC				250 g/l						
Traffic - Public Streets & Highways	VOC				250 g/l						
Traffic (Black)	VOC				250 g/l						
Unique Vehicles	VOC						420 g/l				
Urethane Polymers	VOC						420 g/l				
Varnishes	VOC		450 g/l	X	350 g/l	X	350 g/l				
Vinyl Chloride Polymers	VOC						420 g/l				
Water Proofing Sealers	VOC			X	400 g/l	X	400 g/l				
Water Proofing Sealers & Treatments: Clear	VOC		600 g/l								
Water Proofing Sealers & Treatments: Opaque	VOC	X	400 g/l								
Wood Preservatives:	VOC		550 g/l	X	350 g/l	X	350 g/l				

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		Performance Standard									
Below Ground											
Wood Preservatives: Clear & Semitransparent	VOC		550 g/l	X	350 g/l	X	350 g/l				
Wood Preservatives: Opaque	VOC	X	350 g/l	X	350 g/l	X	350 g/l				
Wood Preservatives: Low Solids	VOC	X	120 g/l			X	120 g/l				

Notes:

- Sixteen of California's 35 air pollution control districts have adopted architectural coating rules. In general, these districts are consistent with the 1989 ARB-CAPCOA Suggested Control Measure.
- Districts that have adopted architectural coating rules are as follows: Bay Area AQMD, Butte County AQMD, Colusa County APCD, El Dorado County APCD, Feather River AQMD, Kern County APCD, Mojave Desert AQMD, Monterey Bay Unified APCD, Placer County APCD, Sacramento Metro AQMD, San Diego County APCD, Santa Barbara County APCD, San Joaquin Valley Unified APCD, South Coast AQMD, and Ventura County APCD.
- Overall the SCAQMD rule 1113 represents the most stringent rule when compared to the 1989 ARB-CAPCOA SCM, other air districts, and the U.S. EPA.
- Both the SCAQMD rule 1113 and ARB-CAPCOA SCM have fallback provisions which set a VOC content limit at 250 grams per liter if a coating does not fall into any of the categories identified in the above worksheet. The U.S. EPA rule does not have this type of provision.